

## **EXHIBIT C**

### **Gaztambide Deposition**

IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF PUERTO RICO

\*\*\*\*\*  
UNITED STATES OF AMERICA :  
Plaintiff :  
v. :CIVIL NO. 98-1664 (CCC)  
:CIVIL NO. 98-2344 (CCC)  
33,92536 ACRES OF LAND, MORE :  
OR LESS, SITUATED IN VEGA BAJA, :  
COMMONWEALTH OF PUERTO RICO, :  
AND JUAN PIZA BLONDET, AND :  
UNKNOWN OWNERS :  
Defendants :  
\*\*\*\*\*

DEPOSITION OF:

CARLOS E. GAZTAMBIDE

was taken on April 5, 2006 at the offices of CARLOS  
GAZTAMBIDE & ASSOCIATES, Banco Popular Center, Suite  
1515, 208 Muñoz Rivera Avenue, Hato Rey, Puerto Rico,  
commencing at 9:40 a.m.

BONAFIDE & CERTIFIED REPORTING  
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1 determinations included in this report are only intended  
2 to support the highest and best use framework for  
3 purposes of this appraisal." Is that true?

4 A This is, yes. This is a clone of what we  
5 discussed before.

6 Q So this statement of assumption and limiting  
7 condition indicates that you assumed that there was  
8 demand --

9 A Yes.

10 Q -- for the highest and best use, as you  
11 indicate in that report, is that correct?

12 A That's correct.

13 Q And that would be you assumed demand for both  
14 residential development and for silica sand extraction,  
15 is that true?

16 A Sales for silica, sales, yes.

17 Q And did you also assume that the development  
18 of median density residential housing would be  
19 financially feasible? Is that what this statement says?

20 A Yes.

21 Q And you assumed that a sand extraction  
22 operation would be financially feasible, is that true?

23 A Based on the historical performance of the  
24 farm.

1 assumed that, yes, you can extract that sand and sell it  
2 without checking on who can buy it, that would be  
3 extraordinary but we as appraisers, we are reporters,  
4 we're reporters of the market and, you know, and we look  
5 at things and report what we believe is happening.

6 Q So nowhere in your report do you say that  
7 you've made an extraordinary assumption?

8 A No, because I don't believe they're real  
9 extraordinary assumptions. It's just a regular  
10 assumption that you do based on what you, what has been  
11 evidenced from the market. 1A master EROR

12 Q Do you need to take a break?

13 A No.

14 MR. P.E. HARRISON: Are you okay?

15 THE DEPONENT: I'll go for it.

16 MR. TAPICK: You would like a break?

17 THE DEPONENT: Yes, sir.

18 MR. TAPICK: Why don't we take a five minute  
19 break.

20 (A recess was taken at this time.)

21 EXAMINATION CONTINUED

22 BY MR. TAPICK:

23 Q Mr. Gaztambide, before the break we were  
24 talking about some of the preliminary parts of your

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1 Q So if those assumptions turn out to be false,  
2 then the conclusions in your appraisal reports would be  
3 invalidated, is that true?

4 A Depending upon the, what turns out to be  
5 false, they could be affected and eventually invalidate  
6 it if everything turns out to be false.

7 Q If these particular assumptions about demand  
8 and financial feasibility turn out to be false, would  
9 that undermine the conclusions of the reports?

10 A Yes.

11 Q Are you familiar with the term extraordinary  
12 assumption?

13 A Yes.

14 Q Do you believe that your statements constitute  
15 an extraordinary assumption in this appraisal report?

16 A I don't think it does because there is enough  
17 evidence that I was exposed to to make these original  
18 assumptions.

19 An extraordinary assumption would be something  
20 that, you know, will be definitely contrary to the  
21 tendency you observe in a particular market.

22 If I had assumed that a residential development was  
23 possible there without a single development going up on  
24 the main tract or on the adjacent parcels, or if I had

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1 appraisal report and now I'd like to ask you some  
2 questions about your highest and best use conclusion.

3 Concerning what I will call your primary appraisal  
4 report which is the appraisal report of the fee simple  
5 value, what is fee simple? Can you tell me just in  
6 every day terms.

7 A It's a full bundle of rights. Fee simple is  
8 you control the full bundle of rights.

9 Q And when you say "bundle of rights" you mean  
10 the property rights associated with the real estate?

11 A Exactly. The title rights, the right to own,  
12 dispose, lease, sell.

13 Q So that would include all the rights and the  
14 use and enjoyment for the property?

15 A Exactly.

16 Q And you valued the subject property as vacant,  
17 is that correct?

18 A As vacant.

19 Q Is there a reason you did that?

20 A Well, usually, typically you address the  
21 highest and best use as if vacant under the assumption  
22 that the improvements on the property may be removed in  
23 order to put the property to its highest and best use,  
24 not necessarily meaning that the current use of any

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1 A Yes. This is, this is a local jurisprudence.  
2 Q Do you know if Puerto Rico law controls in  
3 this case?  
4 A Excuse me?  
5 Q Do you know if Puerto Rico law would control  
6 in this eminent domain action?  
7 A I don't know. I'm appraising based on, in the  
8 local jurisprudence. I am appraising a farm that is  
9 situated in Puerto Rico so I would say that.  
10 Q Were you advised by counsel --  
11 A No. No. This is just my --  
12 Q So you were not advised by counsel regarding  
13 what law to follow --  
14 A No.  
15 Q -- in making your present assignment?  
16 A No, no, no. The other one is ELA --  
17 Q That's okay, Mr. Gatzambide.  
18 A -- versus Sociedad Agricola Industrial, 104  
19 DPR392 and also Nichols on eminent domain covers that in  
20 Volume 4. Nichols is sitting up there.  
21 Q Yes, sir. I'd like to switch topics.  
22 A Sure.  
23 Q And ask you about your addendum report on sand  
24 extraction.

1 Q Is there sand on the other portions of Mr.  
2 Piza's farm?  
3 A There's sand on the other portions? Frankly,  
4 I haven't walked the other portions.  
5 Q When you went to the Haciendas de Tortuguero  
6 subdivision, did you see sand on that portion?  
7 A I wasn't looking for it, frankly. I was  
8 looking for, for the characteristics of the subject and  
9 I looked throughout the subject the best I could but the  
10 rest of the farm, I haven't even walked on it.  
11 Q But you walked on the Haciendas de Tortuguero  
12 subdivision or you --  
13 A The streets right on the sidewalks.  
14 Q But you couldn't tell if there was sand there?  
15 A I wasn't looking for it so I really can't tell  
16 you if I was really looking for that.  
17 Q So you decided --  
18 A It is because when you get to the subject, it  
19 strikes you.  
20 Q You decided to retain Dr. Joyce, is that fair?  
21 A I recommended and then they went along with me  
22 and, and retained him.  
23 Q You recommended that to counsel or to your, to  
24 Mr. Piza?

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1 A Sure.  
2 Q And this is a report that, as we previously  
3 discussed, was also produced with an effective date of  
4 June 13, 2005. Is that correct?  
5 A Yes. I had a copy around here.  
6 Q You did. Is it --  
7 A I don't see it. That could be it.  
8 MR. HARRISON: Paul, is that your copy that's  
9 or --  
10 MR. P.E. HARRISON: No, I don't think so.  
11 EXAMINATION CONTINUED  
12 BY MR. TAPICK:  
13 Q Who decided to retain Dr. James Joyce in this  
14 case?  
15 A I recommended it.  
16 Q Okay.  
17 A Because in a previous case this was, you know,  
18 when we're talking about sand volumes and what have you,  
19 of course, I'm not a geologist so I recommended that he  
20 be retained so that he could estimate the sand volumes  
21 involved.  
22 Q How do you know there was sand on this  
23 property?  
24 A Because I walked on it.

1 A I don't remember. I don't remember to whom I,  
2 I made the recommendation directly.  
3 Q And you don't have any expertise in sand  
4 extraction yourself, that's why you look to Dr. Joyce,  
5 is that --  
6 A Exactly.  
7 Q Okay. And have you ever appraised mineral  
8 interests prior to this case?  
9 A Yes, we did it in another case in, in Jayuya.  
10 Q The one you were telling us about this morning  
11 in Jayuya?  
12 A Yes.  
13 Q Other than that case, have you ever appraised  
14 mineral interests?  
15 A I don't remember. I might have but I don't  
16 remember.  
17 Q And the case in Jayuya involved sand that's  
18 used in the construction industry, is that correct?  
19 A Primarily, yes.  
20 Q Now, you looked at Gonzalez Ferrer's appraisal  
21 of this property and Ivan Canino's appraisal of this  
22 property as you mentioned previously. Did those  
23 appraisals mention sand extraction, that you recall?  
24 A I don't recall.

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1 Q What --

2 A I looked very carefully at Mr. Gonzalo  
 3 Ferrer's appraisal. I didn't look to carefully at  
 4 Canino's because it was previously prepared, I looked  
 5 carefully to Gonzalo Ferrer's appraisal because he's, I  
 6 know he's very thorough appraiser and I wanted to see  
 7 how much information he was able to gather and benefit  
 8 from that.

9 Q As an appraiser, what sort of information did  
 10 you need from Dr. Joyce?

11 A Well, I wanted, first of all, to know the  
 12 quality of the product, the quality of the sand and the  
 13 volumes.

14 Q So the volumes and the quality. Did you need  
 15 to have anything else from him?

16 A Well, yes. I asked him also to look into the  
 17 marketability, the marketability of the sand and I  
 18 believe he contacted initially Owens Illinois which is  
 19 the firm in Puerto Rico that is eagerly pursuing that  
 20 sand for their operation.

21 Q Did you have Dr. Joyce analyze the legal  
 22 permissibility of sand extraction?

23 MR. MUNPHREY: Objection to the form.

24 THE DEONENT: I didn't ask him really. I

1 that you, as an appraiser, would need from a subsidiary  
 2 expert?

3 A Yes.

4 Q And it did meet those criteria?

5 A I think it did met them.

6 Q And those are criteria that are set forth in  
 7 USPAP, is that correct?

8 A Yes.

9 Q So Dr. Joyce's work met your needs and  
 10 expectations in this case, is that a fair statement?

11 A Yes. That's a fair statement.

12 Q Did you review any prior drafts of Dr. Joyce's  
 13 report before he submitted a final report?

14 A No. No. I think I just got the final report.

15 Q Now, he's revised his report since the  
 16 preparation of your addendum appraisal report in June of  
 17 2005, is that correct?

18 A Yes, I think he did.

19 Q He prepared a revised a reports on February 9,  
 20 2006, is that correct?

21 A I don't have the date. Let me see if this one  
 22 -- Yes, this is the revised extraction volume  
 23 estimates.

24 Q Have you revised your addendum appraisal

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1 don't know if he mentioned that, I don't recall if he  
 2 mentions that in the report but I don't remember asking  
 3 him but maybe he touched the topic in the report and I  
 4 don't remember now.

5 EXAMINATION CONTINUED

6 BY MR. TAPICK:

7 Q Are you the one who primarily spoke to Dr.  
 8 Joyce about his assignment in this case?

9 A I would say so, although he might have some  
 10 conversations with, with David Vidrine but I'm not sure  
 11 about that. Usually we dealt through me but I cannot  
 12 guarantee you that, I'm pretty sure they must have  
 13 spoken.

14 Q Did you do any independent investigation of  
 15 the legal permissibility of sand extraction?

16 A I relied on the historical track record of the  
 17 property and the, I analyzed the different steps that  
 18 Mr. Piza had to follow before the, from the '88 on and  
 19 as he was obtaining permits, first regular permits, then  
 20 permanent permits.

21 Q Did you examine Dr. Joyce's report when he  
 22 presented it to you?

23 A Yes.

24 Q Did you analyze whether it met the criteria

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1 report to meet the new figures in his revised silica  
 2 sand extraction --

3 A No.

4 Q -- volume estimate?

5 A No.

6 Q Is there a reason why not?

7 A Well, first of all, I wasn't asked to and  
 8 second --

9 Q That's a good reason.

10 A Yes, that's a good reason. And second, I  
 11 remember that the original report gave us a rather ample  
 12 range so I don't think that ample range would be  
 13 significantly affected.

14 Q Okay. Now, in your June 13 addendum, June  
 15 13th, 2005 addendum --

16 A Yes.

17 Q -- appraisal, did you perform an analysis of  
 18 an income stream based on the anticipated future profits  
 19 that may be derived from extracting sand --

20 A Yes.

21 Q -- sand extraction operation on the subject  
 22 property?

23 A Yes.

24 Q So that's something that you based on his

1 report, his initial report but not his revised report,  
2 is that correct?

3 A That's correct.

4 Q Did you also perform an analysis of an  
5 anticipated royalty income based on leasing the subject  
6 property to a sand extraction operator?

7 A No.

8 Q Have you encountered any evidence in your  
9 analysis of market data of land owners that lease their  
10 property to sand extraction operators?

11 A Recently and by recently I mean the last year,  
12 I became involved, I appraised a quarry and that  
13 particular quarry had two operations on the quarry; one  
14 by the owner of the farm and the other was a lease based  
15 on a royalty and I don't remember, I might have done  
16 part myself but part was done by my associate, Juan  
17 Cruz.

18 You know by know that I'm not, not an engineer, I'm  
19 just a lawyer so I have to recognize my shortcomings and  
20 so when we do quarrying, if you, now that we mention  
21 quarrying, you asked me about mineral rights, you know,  
22 I've appraised several quarries in Puerto Rico and in  
23 the Virgin Islands so I used Juan Cruz in the quarry  
24 appraisals and he interviewed for me one or two quarry

1 cubic meters in products that are probably worth ten to  
2 \$15. per cubic meter so we could, by analogy, come up  
3 with, with a fair royalty if we were to look at the  
4 silica sand.

5 EXAMINATION CONTINUED

6 BY MR. TAPICK:

7 Q Do you have copies of those reports that were  
8 prepared with respect to those quarries that you just  
9 referenced?

10 A I should have the reports and I should have  
11 some of that data.

12 Q We'll request that information from you at a  
13 later point.

14 Do you know if Mr. Piza ever leased any part of  
15 this property to a sand extraction operator?

16 A For sure I don't know. For sure I don't know.  
17 Vaguely, I, I think he mentioned something about the  
18 quarry at Cerro Guarico but I cannot.

19 Q Do you know if ever leased his property to  
20 Wilfredo Torres for sand extraction?

21 A I think Wilfredo Torres was one of the persons  
22 that was involved in the sand extraction but I think we  
23 should ask him when the time comes what was his  
24 relationship because I never was really aware how was

1 operators to help us check on prices, possible volumes  
2 of the disposition of the material, sale of the material  
3 and items like that so --

4 Q Are you talking about you checked with them  
5 for data with respect to this assignment or --

6 A Yes, for this assignment, for this assignment.

7 Q I'll you about that in a second but I guess  
8 I'd like to get back to the point that you didn't  
9 appraise a royalty interest in this case. Instead you  
10 appraised the profits to be derived from the operation  
11 of a sand extraction --

12 A Exactly, exactly.

13 Q -- business?

14 A Exactly.

15 Q Now, based on your experience of analyzing  
16 market data, do you have an idea of what royalty rate a  
17 land owner would receive if they were to lease their  
18 property to a sand extraction operator?

19 MR. P.E. HARRISON: Object to the form the  
20 question. It's irrelevant since he didn't do it in this  
21 case.

22 THE DEPONENT: I can do some computations  
23 because based on my experience with these other  
24 quarries, I've seen royalties up to 1.50 to \$2. per

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1 his relationship; if was a contractor to extract the  
2 sand or if he was a tenant, you know, or if it was based  
3 on royalties.

4 I sincerely don't know what was the relationship.

5 Q Was there a reason you did not appraise a  
6 royalty interest in this appraisal?

7 A Now that you ask me that question, probably  
8 the only reason was that in the back of my mind, given  
9 the "limited" of the volume of sand there, I saw it as  
10 an owner's operations, rather, rather than something you  
11 would market out.

12 Q Do you have any evidence of a sand extraction  
13 operator purchasing property for extraction purposes,  
14 property similar, similar to the subject?

15 A No, not for sand.

16 Q Did you look for comparable sales of land that  
17 had been sold for sand extraction operators?

18 A We, we looked sales of quarries and none of  
19 the sales of quarries were for sand extraction. For  
20 example, we were able to get a sale of a quarry but it  
21 was more construction material but not sand and even  
22 less, silica sand.

23 Q So you did look but you didn't find any, is  
24 that fair to say?

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1 A Yes.

2 Q Did you find any comparable sales that had  
3 silica sand with a highest and best use of residential  
4 development?

5 A No.

6 Q Did you look for it?

7 A We looked for sales and we got our hands on  
8 everything that was out there but none would respond to  
9 that scenario, if you will.

10 Q Did you look at any sales that had occurred to  
11 the east of Mr. Piza's property?

12 A To the east of Mr. Piza's property were the  
13 sales of this development that I mentioned.

14 Q The Playa Hermosa Development?

15 A Playa Hermosa but none of that were sand.

16 Q You didn't find any other sales in the  
17 vicinity of the subject property that were filled with  
18 sand deposits and were sold for residential development?

19 A No.

20 Q But you looked?

21 A Yes.

22 Q Now, on Page 23 of your report you address the  
23 highest and best used of the sand deposits, if I'm to  
24 understand the report. Is that a fair reading?

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1 productivity, is that correct?

2 A Yes.

3 Q Now, as to legal permissibility, you say on  
4 Page 23, "Most of the expropriated property lies in the  
5 zone where sand extraction is permitted by the  
6 Department of Natural and Environmental Resources."

7 What zone are you talking about?

8 A Primarily the main tract. Where it says, "is  
9 permitted", it should say "has been permitted".

10 Q Okay.

11 A Because it wasn't, as of the date of the  
12 appraisal, had been permitted before.

13 Q When we're talking about the expropriated  
14 property here, do we mean the 34 "cuerdas", the 33.9  
15 acres?

16 A Yes. It lies on its own where sand extraction  
17 has been permitted, the zone being the greater tract.

18 Q Okay. So the zone you're referring to is the  
19 greater tract --

20 A Yes.

21 Q -- of Mr. Piza's farm --

22 A Yes.

23 Q -- if you will?

24 A Yes.

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1 A Say it again.

2 Q You addressed highest and best use of sand  
3 deposits, is that correct?

4 A Will you please say it.

5 Q Let me back up and maybe this will make it  
6 clearer. This report is addressing the market value of  
7 the sand deposits on the property, is that correct?

8 This addendum --

9 A The sand deposits, yes.

10 Q Okay. So your highest and best use section  
11 would be highest and best use for the sand deposit, is  
12 that fair?

13 A Yes. Would the highest and best use of the  
14 property as a source of land.

15 Q As a source of sand?

16 A Of sands, yes.

17 Q So you assessed the highest and best use of  
18 the deposits of sand and determined that the highest and  
19 best use was for extraction and sale, is that fair?

20 A Section of sand, yes.

21 Q Okay. So you went through the four criteria  
22 for highest and best use as you did in your other report  
23 and those four criteria being legal permissibility,  
24 physical possibility, financial feasibility and maximum

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1 Q Okay. Now, the subject property is zoned B2,  
2 as we've established, is that correct?

3 A Yes.

4 Q Is sand extraction permitted as a use under B2  
5 zoning?

6 A Sand extraction does not necessarily, is  
7 governed by the zoning. The, the Department of Natural  
8 Resources would allow you to extract the material and  
9 substitute it with fill prior, for example, to  
10 development but they will look at other criterias or  
11 that the zoning per se, it could be anything or any  
12 other zone so the sand extraction is, is more a permit  
13 that has to with the Department of Natural Resources  
14 criteria of the activity per se.

15 Q Do you know if they first have to go to the  
16 Planing Board to get approval for sand extracting in an  
17 area zoned B2 before they can issue a sand extraction  
18 permit?

19 A I don't know. I don't think they have to.

20 Q But you don't know?

21 A No. You have to definitely get it from the  
22 Department of Natural Resources.

23 Q You state further on Page 23, "It should be  
24 added that Engineer Jose Hernandez is developing a six

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1 daily extraction 80 percent.

2 A Exactly. I'm allowing a 20 percent, how would  
3 I say? I don't know the word, but that you would in  
4 fact extract only 80 percent of what you're allowed.

5 Q Do you have any support -- I'm sorry.

6 A That you won't have, that you won't be a  
7 hundred percent efficient, that you would be only 80  
8 percent efficient and this is based on the track record  
9 of other quarries, 80 percent efficient, that you're not  
10 getting the 1,000 meters, you're getting only 80  
11 percent.

12 That's why you get 1,360 tons instead of your  
13 probable 1,700.

14 Q So you said the track record of other quarries  
15 --

16 A It's reasonable to assume an 80 percent  
17 efficiency.

18 Q Okay. Is the track record of other quarries  
19 information that you refer to, contained in your work  
20 file or referenced in this appraisal report?

21 A No, it's not. I just put it there based on my  
22 knowledge of the, of the industry and our research.

23 Q Now, I understand the next couple of  
24 computations so I'm not going to ask you about them.

1 Q And can you give me a list of the people you  
2 spoke to regarding that price per ton?

3 A I remember one name distinctly. It's Cano  
4 Varela. He's an owner of a, a quarry that we were  
5 appraising but I can get from my associate, the names of  
6 the persons that we interviewed that are people in the  
7 business.

8 Q And you'll provide that to us?

9 A Sure.

10 Q We request a list of the persons you spoke to  
11 regarding --

12 A Sure. No problem with that.

13 Q And can you tell me, based on your  
14 recollection, Mr. Gaztambide, is that a price that a  
15 purchaser such as Owens Illinois would be willing to pay  
16 after the sand has been extracted?

17 A Yes.

18 Q Now --

19 MR. MUNPHREY: Let me interrupt you. Is  
20 somebody keeping a list of all the stuff we owe you?

21 MR. TAPICK: That one I can remember.

22 MR. MUNPHREY: Okay but --

23 MR. P.E. HARRISON: We have Dr. Joyce's CV --

24 MR. TAPICK: Oh, that was from Paul's depo. so

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1 Then you get to total monthly income and you say 1,360  
2 tons per day which we just discussed --

3 A Exactly.

4 Q -- times \$30. per ton.

5 A Exactly. That's the market value of the  
6 property.

7 Q Okay. I'll ask you about that. What is the  
8 evidence that that's the market value of the product?

9 A My consultations with people on the market,  
10 what should be used. Today I think it's running on \$50.

11 Q Did you include any evidence of the \$30. per  
12 ton market value in this report?

13 A No, this again, this is based on my interviews  
14 and information we gathered. I have nothing in writing  
15 but we can double check that later and I can say today  
16 it's running around \$50.

17 Q Do you have any notes of these discussions?

18 A No, not really.

19 Q So nothing contained in your work file would  
20 verify or support this \$30. per ton --

21 A No.

22 Q -- figure?

23 A We would have to get to the phone and check  
24 with the people that work on that on every day, again.

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1 I didn't take that up --

2 MR. MUNPHREY: But there are some other things  
3 we owe you. His invoice --

4 MR. TAPICK: Oh, that's right. Yes, thank you  
5 for reminding me.

6 MR. MUNPHREY: Let's make a list --

7 MR. TAPICK: Thank you. I appreciate that.

8 MR. P.E. HARRISON: The CV and the list of  
9 cases, we'll give you that today.

10 THE DEPONENT: And here it's 20 percent is the  
11 expenses you were asking for.

12 EXAMINATION CONTINUED

13 BY MR. TAPICK:

14 Q That was my next question.

15 A Yes.

16 Q You say --

17 A That's the cost of extracting.

18 Q What is your evidence that that is the cost of  
19 extracting?

20 A Uh-huh.

21 Q I'm sorry. What --

22 A Twenty percent, 20 percent.

23 Q What is the basis for that number?

24 A Again, my consultation with people that do

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1 that every day.  
2 Q So the same list of individuals who --  
3 A Yes.  
4 Q -- provided you with the \$30. per ton market  
5 price would have the data that you relied upon to arrive  
6 at your determination that 20 percent of this would go  
7 towards expenses --  
8 A Yes.  
9 Q Is that correct?  
10 A Yes.  
11 Q Is that 20 percent of expenses the entirety of  
12 the cost associated --  
13 A Yes.  
14 Q -- with sand extraction?  
15 A Yes.  
16 Q Okay. Do costs ever vary, depending upon site  
17 conditions?  
18 A Yes, they could vary.  
19 Q Does that 20 percent account for the  
20 variability of extraction operation for --  
21 A Yes, that's a representative figure. Someone  
22 more efficient could probably do it for less but 20  
23 percent is pretty market driven.  
24 Q I asked you before if that was the price, the

1 that will be on the list that you --  
2 A Exactly, exactly.  
3 Q How did you arrive at a 15 percent discount  
4 rate?  
5 A This is a judgement call. A typical discount  
6 rate for real estate would go in the ten, maybe the nine  
7 to 15 percent range so I used the upper end of the  
8 range.  
9 Q Is there a market support for a 15 percent  
10 discount rate for a sand extraction operation?  
11 A I don't think so.  
12 Q What is the support for your discount factor  
13 of 5.74?  
14 A Five point seventy four is just the reciprocal  
15 of 15 percent.  
16 Q Is that right?  
17 A Yes.  
18 Q Okay. My question and you must understand as  
19 a lawyer my familiarity with computations is pretty slim  
20 so please bear with me. I know it's late.  
21 A I take the Fifth.  
22 Q But on Page 29 you have the same discount rate  
23 but a different discount factor and I'd like to know why  
24 just because I don't understand.'

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1 \$30. per ton was the price that like an Owens Illinois  
2 would have to pay --  
3 A Yes.  
4 Q -- for the sand product. That's the product  
5 delivered to them or that they can come pick up, do you  
6 know?  
7 A Delivered to them.  
8 Q Delivered to them, okay.  
9 A And then 20 days is the number of days that  
10 you would operate in a month.  
11 Q Did you analyze the particular circumstances  
12 of the 33 acres site to determine any of the  
13 variables that you utilized in your income approach?  
14 A Based on my observations in comparable  
15 quarries, this site does not present anything outside of  
16 the, of the normal, if you will. I've seen operations  
17 in much more difficult situations accessibility wise,  
18 road wise.  
19 Q But you're not an expert in sand extraction  
20 operations, is that fair?  
21 A No, I'm not an expert. I just interviewed  
22 people that do that every day, not that theorize about  
23 it, but live it.  
24 Q And those people you interviewed at the ones

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1 A It's because of the volume, because of the  
2 volume. The volume is larger so you would be producing  
3 income. In the first case, you will have, with this  
4 volume you have enough sand for 6.25 months. In this  
5 one you have for 12.5 months so if you have double this  
6 amount of sand, your factor will be --  
7 Q Will be double?  
8 A Close to.  
9 Q Okay. So is the discount factor in fact the  
10 reciprocal of 15 percent?  
11 A At that time, at the time frame because --  
12 Q For the time frame?  
13 A Yes.  
14 Q Because the time frame is the other variable  
15 you used to arrive at the discount factor?  
16 A Right, right.  
17 Q I understand. Why is the discount factor  
18 significant in your analysis?  
19 A It's just a measure of present value of future  
20 earnings. Then finally, if you will, you have a  
21 deferred factor of one year under the assumption that it  
22 will take one year to get the permits so you could  
23 argue, what about two, of course. Two will reflect a  
24 lower value.